

IN THE CLAIMS:

1. (Previously Presented) A method comprising

identifying a data transmitting device from which data is being transmitted to a receiving mobile station, and

in case the data transmitting device is identified as a transmitting device, from which there is defined a call divert command to the receiving mobile station, receiving the data, or

in case the data transmitting device is identified as other than the transmitting device, from which there is defined a call divert command to the receiving mobile station, transmitting the data further.

2. (Previously Presented) A method according to claim 1, wherein the transmitting device, from which data is being transmitted to the receiving mobile station, is identified by a network device before transmitting the data to the receiving mobile station, and the receiving mobile station is selected according to the identified data transmitting device by said network device.

3. (Previously Presented) A method according to claim 1, wherein the transmitting device, from which data is being transmitted to the receiving mobile station, is identified in the receiving mobile station before activating the data in the receiving mobile station, and according to the identified data transmitting device, the data is received in said receiving mobile station, or it is transmitted further to a predetermined other receiving device.

4. (Previously Presented) A system comprising

a transmitter for transmitting data from a transmitting mobile station to a receiving mobile station as a response to a call divert command in the transmitting mobile station,

a processor configured to identify a data transmitting device from which data is being transmitted to the receiving mobile station,

a receiver for receiving data in the receiving mobile station, in case the data transmitting device is identified as the transmitting mobile station, from which data, according to the call divert command, is transmitted to the receiving mobile station, and

a further transmitter for transmitting data further to a predetermined receiving device, in case the data transmitting mobile station is identified as other than the transmitting mobile station from which data, according to the call divert command, is transmitted to the receiving mobile station.

5. (Previously Presented) A system according to claim 4, wherein said processor is configured to identify a previous device from which the data was last transmitted.

6. (Previously Presented) A system according to claim 4, wherein said processor is configured to redefine receiver information of the transmitted data based on predefined receiver information, as a response to identifying the data transmitting device as other than the transmitting mobile station, from which data, according to the call divert command, is transmitted to the receiving mobile station.

7. (Previously Presented) A system according to claim 4, wherein said processor is configured to redefine the receiver information based on data type, according to predetermined instructions, as a response to identifying the data transmitting device as other than the transmitting mobile station from which data, according to the call divert command, is transmitted to the receiving mobile station.

8. (Currently Amended) A ~~computer-readable medium~~memory having a transmitting element, identifying element, receiving element and further transmitting elements are a computer program stored thereon for carrying out the method of claim 1.

9. (Previously Presented) A system according to claim 4, wherein the system is a mobile communication network, and that the system is located in a message center or a mobile switching center, or both.

10. (Previously Presented) A system according to claim 4, wherein the system is a communication network, and the system is located in a network gateway bus.

11. (Previously Presented) A system according to claim 4, wherein the system is a communication network, and that system is located in a network terminal device.

12. (Withdrawn) A mobile station comprising a processor configured to:
- receive a call divert command that is defined in a transmitting mobile station, so that the mobile station receives data designated to said transmitting mobile station,
 - identify a data transmitting device, from which data is being transmitted to the mobile station,
 - receive the data, in case the data transmitting device is identified as the transmitting mobile station, from which data, according to the call divert command, is transmitted to the mobile station, and
 - transmit data further, in case the data transmitting device is identified as other than the transmitting mobile station, from which data, according to the call divert command, is transmitted to the mobile station.
13. (Withdrawn) A mobile station according to claim 12, said processor configured to identify a telephone number in a request for establishing a connection received from the data transmitting device as that telephone number from which the call divert is defined.
14. (Withdrawn) A mobile station according to claim 12, said processor configured to establish a connection between a transmitting mobile station transmitting an original request for establishing a connection and a receiving mobile station receiving the request for establishing a connection.
15. (Withdrawn) A mobile station according to claim 12, said processor configured to reroute a request for establishing a connection based on an identified telephone number transmitting the request for establishing a connection.
16. (Withdrawn) A mobile station according to claim 12, said processor configured to receive a message in the mobile station, as a response to identifying a previous data transmitting device as the transmitting mobile station from which data, according to the call divert command, is transmitted to the mobile station.
17. (Withdrawn) A mobile station according to claim 12, said processor configured to redefine the receiving device of a message and a transmitting element for transmitting the

message further to a redefined receiving device as a response to identifying a previous data transmitting device as other than the transmitting mobile station from which data, according to the call divert command, is transmitted to the mobile station.

18. (Previously Presented) A mobile switching center comprising a processor configured to:
detect a call divert command,
identify a data transmitting device from which data is transmitted to a receiving mobile station,

transmit data to the receiving mobile station, in case the data transmitting device is identified as the transmitting device from which data, according to the call divert command, is transmitted to the receiving mobile station, and

transmit data to a predetermined receiving device, in case the data transmitting device is identified as other than the transmitting device from which data, according to the call divert command, is transmitted to the receiving mobile station.

19. (Previously Presented) A mobile switching center according to claim 18, wherein the mobile switching center is able to look up in a network home register information for identifying a previous transmitter of data and for defining the receiving device according to an identified previous transmitter.

20. (Previously Presented) A mobile switching center according to claim 18, wherein the processor is configured to redefine data receiver information as a response to identifying the data transmitting device as other than the transmitting device from which data, according to the call divert command, is transmitted to the receiving mobile station, and to reroute transmitted data to a redefined receiving device.

21. (Previously Presented) A mobile switching center according to claim 20, wherein said processor is configured to establish an active connection between the other transmitting device and the redefined receiving device.

22. (Previously Presented) A mobile switching center according to claim 18, wherein said processor is configured to transmit a given data entity to the receiving device.

23. (Currently Amended) A ~~computer-readable storage medium~~memory stored-encoded with instructions that, when executed by a computer, perform processing data for transmission as a response to detecting a call divert command, identifying a data transmitting device, transmitting data to a receiving mobile station according to the call divert command, in case the data transmitting device is identified as a transmitting device from which data, according to the call divert command, is transmitted to the receiving mobile station, and transmitting data to a predetermined receiving device, in case the data transmitting device is identified as other than the transmitting device from which data, according to the call divert command, is transmitted to the receiving mobile station.
24. (Currently Amended) A ~~computer-readable storage medium~~memory according to claim 23, located in a network unit.
25. (Currently Amended) A ~~computer-readable storage medium~~memory according to claim 23, located in a network gateway bus.
26. (Currently Amended) A ~~computer-readable storage medium~~memory according to claim 23, located in a terminal device.